Relationship between Historic and Modern Fire Problems

Activity 2-1

Format: Group

Timeframe: 1:30 (45 minutes reading and discussion / 45 minutes presentation)

Description

This activity provides students with an opportunity to recognize the historic fire problems in today's occupancies.

Materials

- Historic fire articles focused on the following occupancies:
 - o Assembly
 - o Industrial
 - High rise
 - o Educational
- Modern fire articles focused on the following occupancies:
 - o Assembly
 - o Industrial
 - o High rise
 - o Educational
- Fire Hazard Worksheet (FHW) from Activity 2-1-1
- Pen or pencil

Instructions

- 1. Working in groups, read about a historical and modern fire in a particular occupancy
- 2. Discuss the deficiencies that led to a fire loss
- 3. Individually, complete the Fire Hazard Worksheet for the assigned occupancy
- 4. Choose a group spokesperson and be prepared to discuss your answers with the class

Instructor Notes

- Articles and the Fire Hazard Worksheet are available on the SFT Instructor's Corner website
- You can substitute local fire articles for modern fire articles
- Assign article reading as pre-work before the class
- The Fire Hazard Worksheet will also be used in Activity 2-5 and Activity 4-2

Bibliography
Assembly Fires

Comment [ALS1]: Action Item Need to get PDF from Rocque. Emailed 3.14.12.

Comment [ALS2]: Instructions
Post in Instructor's Corner.
Included at the end of this document.

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- Blackington, Alton H. "Trial Proves Criminal Negligence at Cocoanut Grove Fire." Fire Engineering. May 1943: 242-262.
- Blackstone, Steve. "R.I. Adopts Fire Safety Law in Response to Nightclub Fire." Firehouse. February 2004: 82-83.
- Bruno, Hal. "Relearning Old Lessons from a Night Club Tragedy." Firehouse. March 2006:
- Horan, Tim. "Death Strikes the Cocoanut Grove." Firehouse. November 1977: 31-34, 76.
- Hurley, Morgan J. "Tragedy in Rhode Island." Fire Protection Engineering. Number 18.
- Kennedy Jr., Charles C. "Did A 'Mystery Gas' Fuel the Cocoanut Grove Fire?" Firehouse.
 May 1999: 82-84.
- Lyons, Paul Robert. Fire in America! Quincy, MA: NFPA 1981: 180-183.
- Moulton, Robert S. The Cocoanut Grove Night Club Fire. Quincy, MA: NFPA 1962.
- Powell, Michael & Lee, Christopher. "R.I. Nightclub Fire Kills 95." The Washington Post. February 22, 2003: A1.
- Ratnesar, Romesh. "Three Minutes to Doomsday." Time Magazine. March 3, 2003: 50-53.
- Reese, Shelly. "If Onlys Become Never Agains." NFPA Journal. January/February 2004: 53-57.
- Vahey, John P. "Cocoanut Grove Fire." Firehouse. November 1992: 57-61.
- Yates, Jack. "Chicken Processing Plant Fires." U.S. Fire Administration/Technical Report Series. USFA-TR-57/June/September 1991.

Education Fire

- Backes, Nancy. Great Fires of America. Waukesha, WI: Country Beautiful Corp. 1973: 130-132.
- Bilina, Carole & Burkholder, Alex. "Why Couldn't We Save Those Kids?" Firehouse. April 1977: 43-46.
- Brenner, Howard L. "On a Gray Winter Day in Chicago." Firehouse. December 1994: 30-31, 90-92.
- Corbett, Glenn P. "So You Have to Inspect ... a School." Fire Engineering. March 2001: 42.
- Nisja, Jon. "School Inspection Program." Minnesota Fire Chief. May/June 2002: 48-49.
- Senator O'Connell, Jack (ret.). "SB575: School Fire Safety." The California Fire Service. December 2001: 24.
- Ross, Steven S. "Chapter 3 Fire & Explosion Our Lady of the Angeles School, 1958."
 Construction Disaster: Design Failures, Causes, and Prevention. New York: McGraw-Hill Book Company 1984: 113-117.
- Schapelhouman, Harold. "Tragedy Narrowly Averted in East Palo Alto School Fire." The California Fire Service. April 1997: 22-23.
- Smith, James P. "School Fires." Firehouse. June 2001: 18-24.

Industrial Fires

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- Bradley, Timothy L. "Aftermath of Imperial Foods Processing Fire in Hamlet, N.C." Industrial Fires. July 1993.
- Bradley, Tim. "Fire in a North Carolina Chicken Processing Plant." Protecting Your Assets.
 December 1993: 3-5.
- Bradley, Tim. "Fire in a North Carolina Chicken Processing Plant." Protecting Your Assets.
 March 1994: 3-5.
- LaBar, Gregg. "Hamlet, N.C.: Home to a National Tragedy." Occupational Hazards. September 1992: 29-34.

High Rise Fires

- Degenkolb, John G. (Gus). "Regulations and Code Enforcement Can be the Key to Reducing Multiple Occupancy Fire Deaths." Fire Engineering. September 1984: 42-43.
- Huddleston, T.J. "Nevada A Nightmare Causes Change." The International Fire Chief. July 1984: 26-28.
- May, Bill. "The Winecoff Hotel Fire: An 'Awful Fire'." Firehouse. December 2006: 72-74.
- NFPA Investigative Department. The MGM Hotel Fire Part 1." Fire Service Today. January 1982: 18-27.
- NFPA Investigative Department. "The MGM Hotel Fire Part 2." Fire Service Today. February 1982: 18-21.
- Williams, Dave E. "The Winecoff Fire 50 Years Later." Firehouse. December 1996: 64-66.

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Fire Prevention 1

Activity 2-1

Fire Hazard Worksheet							
Common Hazards	Activity 2-1			Activity 2-5		Activity 4-2	
	Past	Present	How did the deficiency contribute the fire ignition, fire spread, injury, or death?	Occupancy Classification	Rate: R = Routine I = Imminent T = Transient	How could you correct or mitigate the violation?	
				Code Section			
Extinguishers							
Means of Egress							
Housekeeping							
Electrical							
Flammable Combustible Liquids							
Detection & Alarm							
Suppression Systems							
Interior Finishes & Decorations							

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